REVISED VERSION

(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 4 November 2004 (04.11.2004)

PCT

(10) International Publication Number WO 2004/094080 A1

GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,

KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,

(51) International Patent Classification⁷: 3/00, 1/00, A61L 2/18, C11D 3/48, 3/386

B08B 9/023,

(21) International Application Number:

PCT/AU2004/000404

- (22) International Filing Date: 30 March 2004 (30.03.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2003901917

22 April 2003 (22.04.2003) AU

kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

of inventorship (Rule 4.17(iv)) for US only

(84) Designated States (unless otherwise indicated, for every

(71) Applicant (for all designated States except US): NO-VAPHARM RESEARCH (AUSTRALIA) PTY LTD [AU/AU]; 3-11 Primrose Avenue, Rosebery, NSW 2018

Published:

ZW.

with international search report

Declaration under Rule 4.17:

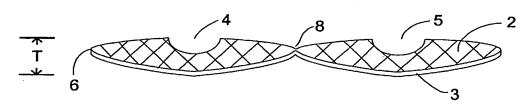
(72) Inventor; and

- (75) Inventor/Applicant (for US only): KRITZLER, Steven [AU/AU]; 9 Redgum Avenue, Cronulla, NSW 2230 (AU).
- (74) Agent: SHELSTON IP; 60 Margaret Street, Sydney NSW 2000 (AU).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
- (88) Date of publication of the revised international search report: 16 December 2004

(15) Information about Correction: see PCT Gazette No. 51/2004 of 16 December 2004, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ENDOSCOPE CLEANING PAD



(57) Abstract: A cleaning device for cleaning a medical instrument such as an endoscope, which includes a fabric, wipe, or sponge impregnated with a composition which comprises: an enzyme such as a protease, alcalase, cellulase, lipolase: a surfactant and a humectant present in an amount to ensure that sufficient water is absorbed to reduce any hazard which would arise from use of the enzyme in dry form while maintain activity of the enzyme during storage. The cleaning device is adapted to remove at least a portion of externally adherent soiling on a surgical instrument by mechanical wiping; and to redistribute any remaining external soiling such that it is distributed as a film of thinner and more uniform thickness than on the unwiped instrument. The invention also relates to packaging of the cleaning device, and methods of use thereof.



